From: Sheldrake, Sean
To: Cora, Lori

Subject: RE: BaP Loading (sf-attorney client)

Date: Tuesday, September 19, 2017 12:12:00 PM

## (b) (5)

Sean Sheldrake, Unit Diving Officer, RPM EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01 Seattle, WA 98101 206.553.1220 desk 206.225.6528 cell

http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor

Over 47 years of scientific diving in support of EPA's mission

-----Original Message-----

From: Cora, Lori

Sent: Tuesday, September 19, 2017 12:08 PM To: Sheldrake, Sean <sheldrake.sean@epa.gov>

Subject: RE: BaP Loading (sf)

## (b)(4) copyright

Lori Houck Cora | Assistant Regional Counsel U.S. Environmental Protection Agency | Region 10 P: (206) 553.1115 | F: (206) 553.1762 | cora.lori@epa.gov Follow @EPAnorthwest on Twitter! <a href="https://twitter.com/EPAnorthwest">https://twitter.com/EPAnorthwest</a>

----Original Message-----From: Sheldrake, Sean

Sent: Tuesday, September 19, 2017 11:59 AM To: PARRETT Kevin <kevin.parrett@state.or.us>

Cc: MCCLINCY Matt <matt mcclincy@state.or.us>; GREENFIELD Sarah <sarah.greenfield@state.or.us>; Zhen,

Davis <Zhen.Davis@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Scott Coffey

<coffeyse@cdmsmith.com> Subject: RE: BaP Loading (sf)

Thanks Kevin, I'll forward on to our team for review and use in how we're briefing the Iris proposal from NWN.

S

Sean Sheldrake, Unit Diving Officer, RPM EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01 Seattle, WA 98101 206 553 1220 desk

206.553.1220 desk 206.225.6528 cell

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Over 47 years of scientific diving in support of EPA's mission

----Original Message-----

From: PARRETT Kevin [mailto:kevin.parrett@state.or.us]

Sent: Monday, September 18, 2017 7:38 AM To: Sheldrake, Sean <sheldrake.sean@epa.gov>

Cc: MCCLINCY Matt <matt mcclincy@state.or.us>; GREENFIELD Sarah <sarah.greenfield@state.or.us>; Zhen,

Davis < Zhen. Davis@epa.gov>

Subject: BaP Loading

Hi Sean. I've prepared the attached set of graphs for our discussion Wed on NW Natural's BaP proposal. The pie chart shows how bedded sediment between RM 5-6 dominates loading to the water column. It also demonstrates that further DEQ source control work on PAHs world have little benefit if the RM 5-6 sediments were not addressed.

-Kevin